Appendix D

NUCLEAR

Form Number

WASTE Verification and Valid					ati	on	Plan	NP 19-1-3	
рросрам С			riteria Form						
	Sandia PROGRAM National Laboratories			I J	_			Page	1 of 1
1.	Software Name:							•	
2.	Software Version:								
3.	Document Version:								
4.	ERMS #:	<u></u>							
5.	Sufficient Test Cases	3			П	Yes	□ No	□ N/A	□ N/R
· ·	Does the VVP identify final software and end	sufficient test cases and accep product satisfies the requireme iew is identified to fulfill the valid	nts of	the approved RD?				.	□ ·•··
6.	Sufficient Test Cases	3				Yes	☐ No	☐ N/A	☐ N/R
7.		a stated in measurable terms ar e output ranges or error toleran ses				Yes	☐ No	□ N/A	□ N/R
		nonstrate that the code adequate s valid results for problems end			_		_	_	_
8.	Operational Control If the software is used				Yes	☐ No	□ N/A	□ N/R	
9.	performance over the range of operation of the controlled Unintended Functions Do the test cases show that the code does not perform a					Yes	☐ No	□ N/A	□ N/R
	that either by itself or in combination with other functions can degrade the intended outcomes of the software?								
10.	Test Result Validation The test results will be								
	hand calculations,manual inspection,					Yes Yes	□ No □ No	□ N/A □ N/A	☐ N/R ☐ N/R
	 calculations using comparable proven problems, empirical data and information from confirmed published data 					Yes Yes	☐ No ☐ No	□ N/A □ N/A □ N/A	☐ N/R ☐ N/R ☐ N/R
	and correlation's and/or technical literature,other validated software of similar purpose,					Yes	☐ No	□ N/A	☐ N/R
	 other independent so A documented peer re 			H	Yes Yes	□ No □ No	□ N/A □ N/A	☐ N/R ☐ N/R	
11.	Does the VVP Specify					_	_		
	(a) required tests and t(b) required ranges of		\exists	Yes Yes	∐ No □ No	□ N/A □ N/A	∐ N/R □ N/R		
	(c) identification of the	s applicable)	Ā	Yes Yes	□ No □ No	□ N/A □ N/A	☐ N/R ☐ N/R		
	(d) criteria for establishing test cases (e) requirements for testing logic branches				H	Yes	☐ No	□ N/A	☐ N/R
	(f) requirements for hardware integration (as applicable)				Ī	Yes	□ No	□ N/A	□ N/R
	(g) anticipated output v(h) acceptance criteria				H	Yes Yes	∐ No □ No	∐ N/A □ N/A	∐ N/R □ N/R
12.	Installation and Regr Are test cases which a		_	regression testing			□ No	□ N/A	□ N/R
13.	3. Code Team/Sponsor's Name (print) Si			Signature				Date	
14.	4. Technical Reviewer's Name (print) Signature			ature	Date				
15.	Si. Responsible Manager's Name (print)			ature	Date				
16.	SCM Coordinate	or's Name (print)	Signa	ature				Date	
Key for check boxes above:									
Check Yes for each item reviewed and found acceptable Check No for each item which requires further work									
Check N/A for items not applicable Check N/R for items not reviewed (multiple technical reviews)									